

AMENDMENTS TO CLAIMS

1. (Currently Amended) [[Method]] A method for determining the fuel consumption of an electrical consumer in a motor vehicle with an internal combustion engine, ~~[[and]]~~ supplied by a generator which is driven by the internal combustion engine, comprising determining ~~additional fuel consumption which is produced by an electrical consumer that is connected to the generator,~~ at least one current value of the generator mechanical power input upon energization of the electrical consumer ~~being taken into account for determining the fuel consumption.~~

2. (Currently Amended) The method as claimed in claim 1, wherein the method comprises the determination of an electrical power input of the generator at different times.

3. (Currently Amended) The method as claimed in claim 2, wherein the electrical power input is determined at a first instant and a second instant following it in time, the first instant being located in the region of the time at which the electrical consumer is connected, especially briefly prior to its being supplied with current.

4. (Currently Amended) The method as claimed in claim 2, wherein the electrical power input is determined by means of a generator model.

5. (Currently Amended) The method as claimed in claim 2, wherein the electrical power input is determined by means of values from the characteristic fields.

6. (Currently Amended) The method as claimed in claim 1, wherein mechanical and electrical losses are taken into account when the value is being determined for the mechanical power input on the generator.

7. (Currently Amended) The method as claimed in claim 1, wherein for the generator model the input quantities are at least the engine speed, the ambient temperature, the transmission ratio, the voltage of the vehicle electrical system and the excitation current of the generator.

8. Cancel

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